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HDP/SB/21 based on PTO/SB/21 (08-00)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/651,849
Filing Date	August 31, 2000
First Named Inventor	Sarath KUMAR et al.
Group Art Unit	2683
Examiner Name	Stephen M. D'Agosta
Attorney Docket Number	29250-001051/US

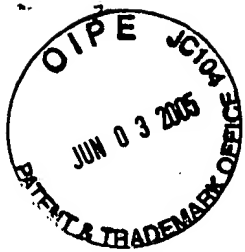
### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and ( ) Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Comments on the Examiner's Statement of Reasons for Allowance</b>		
<table><tr><td>Remarks</td><td></td></tr></table>			Remarks	
Remarks				

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name John E. Curtin	Reg. No. 37,602
Signature			
Date	June 3, 2005		

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/651,849

Filing Date: August 31, 2000

Applicant: Sarath KUMAR et al.

Group Art Unit: 2683

Examiner: Stephen M. D'Agosta

Title: ENHANCED METRIC FOR BIT DETECTION ON  
FADING CHANNELS WITH UNKNOWN STATISTICS

Attorney Docket: 29250-001051/US

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401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop Issue Fee**

June 3, 2005

**COMMENTS ON THE EXAMINER'S  
STATEMENT OF REASONS FOR ALLOWANCE**

Sir:

In reply to the Examiner's Statement of Reasons for Allowance, provided with the Notice of Allowance dated May 25, 2005, Applicants submit the following comments.

On page 3 of the Notice of Allowability, the Examiner presents a Statement for Reasons for Allowance. Applicant does not disagree that the indicated claims are allowable. Instead, Applicant wishes to note that

Applicants rely on the rationales stated by Applicants' as a whole in their previous Response.

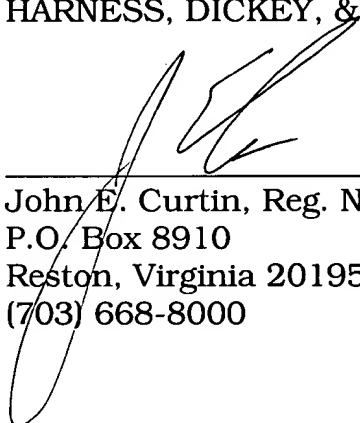
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John E. Curtin at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY, & PIERCE, P.L.C.

By



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John E. Curtin, Reg. No. 37,602  
P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

JEC:psy